



## New Sheet

**FIG. 28**

	REQUIRED SERVICE RATE (KHZ)	ORIGINAL PERIOD LENGTH ( $\mu$ S)	REFERENCE PERIOD USED FOR ADJUSTED PERIOD LENGTH TO BE STORED AND USED (HIGHER PRECISION) ( $\mu$ S)	REFERENCE PERIOD USED FOR ADJUSTED PERIOD LENGTH TO BE STORED AND USED (LOWER PRECISION) ( $\mu$ S)
CD -AUDIO TASKS	2.75	364	360	360
ISDN CHANNEL TASKS	1.5	667	660	630
VOICE CHANNEL TASKS	1.375	727	720	720
KEYBOARD/ MOUSE TASKS		100,000	92,400	75,600
LCM OF PERIODS		406,996,640	277,200	75,600

GENERATED LIST OF REFERENCE PERIODS (HIGHER PRECISION) = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, ..., 360, 378, ..., 660, 672, ..., 720, 756, ... 92400, 103950, ...,  $2^5 \cdot 3^3 \cdot 5^2 \cdot 7 \cdot 11$ .)

GENERATED LIST OF REFERENCE PERIODS (LOWER PRECISION) = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, ..., 360, 378, ..., 630, 672, ..., 720, 756, ... 75600, 151200, ...,  $2^5 \cdot 3^3 \cdot 5^2 \cdot 7$ .)

## New Sheet

**FIG. 29**

	SAFE START TIME INTERVALS FOR aE, ASSUMING THAT EACH PERIODIC PROCESS pNEWA, pB, pC, pD IN FIG.21 IS RESTRICTED TO BE EXECUTED STRICTLY WITHIN ITS TIME SLOT
PROCESSOR 1	
PROCESSOR 2	$[(k*12) + 1, (k*12) + 2], k = 0, 1, 2, \dots$

**FIG. 30**

	SAFE START TIME INTERVALS FOR aA, ASSUMING THAT EACH ORIGINAL PERIODIC PROCESS pB, pC, pD IN FIG.22 IS RESTRICTED TO BE EXECUTED STRICTLY WITHIN ITS TIME SLOT
PROCESSOR 1	$[(k*6) + 2, (k*6) + 2], k = 0, 1, 2, \dots$
PROCESSOR 2	$[(k*12) + 2, (k*12) + 2], k = 0, 1, 2, \dots$

**FIG. 31**

	SAFE START TIME INTERVALS FOR aE, ASSUMING THAT EACH ORIGINAL PERIODIC PROCESS pB, pC, pD IN FIG.22 IS RESTRICTED TO BE EXECUTED STRICTLY WITHIN ITS TIME SLOT
PROCESSOR 1	
PROCESSOR 2	

FIG. 32

